



393612

Small quantity generator
N. Region

OK to in
Bo 6 State
11-27-84



03100606

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IL D 005180070

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)

REYNOLDS METALS CO

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

1st AVE & 49th ST.

03 CITY

M^c COOK

04 STATE 05 ZIP CODE 06 COUNTY

IL 60525 COOK

07 COUNTY CODE

031

08 CONG DIST

5

09 COORDINATES LATITUDE

87 50 21.0

LONGITUDE

041 47 50.0

BURWYN 32D.

10 DIRECTIONS TO SITE (Starting from nearest public road)

SEE ATTACHMENT'S ON THE BACK.

III. RESPONSIBLE PARTIES

01 OWNER (If known)

REYNOLDS METALS CO

02 STREET (Business, mailing, residential)

6601 W. BROAD ST.

03 CITY

RICHMOND

04 STATE 05 ZIP CODE

VA 23261

06 TELEPHONE NUMBER

804-281-3871

07 OPERATOR (If known and different from owner)

RAY BUHRMASTER

08 STREET (Business, mailing, residential)

P.O. BOX 239

09 CITY

BROOKFIELD

10 STATE 11 ZIP CODE

IL 60513

12 TELEPHONE NUMBER

312-242-3152.

13 TYPE OF OWNERSHIP (Check one)

☒ A PRIVATE ☐ B FEDERAL

(Agency name)

☐ C STATE☐ D COUNTY☐ E MUNICIPAL☐ F OTHER

(Specify)

☐ G UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A RCRA 3001 DATE RECEIVED

MONTH DAY YEAR

☒ B UNCONTROLLED WASTE SITE (CERCLA 103 c)

DATE RECEIVED 11/19/80

☐ C NONE

MONTH DAY YEAR

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☒ YES

DATE

10/4/78

☐ NO

MONTH DAY YEAR

02-26-81

BY (Check all that apply)

☐ A EPA☐ B EPA CONTRACTOR☒ C STATE☐ D OTHER CONTRACTOR☐ E LOCAL HEALTH OFFICIAL☐ F OTHER

(Specify)

CONTRACTOR NAME(S)

02 SITE STATUS (Check one)

☒ A ACTIVE☐ B INACTIVE☐ C UNKNOWN

03 YEARS OF OPERATION

1959

BEGINNING YEAR

ENDING YEAR

☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

HEAVY METALS (TOXIC/PERSISTANT)

P.P.P.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

GROUND WATER (POP/LEACHING)

SOIL (POP/LEACHING)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 Waste Information and Part 3 Description of Hazardous Conditions and Incidents)

☐ A HIGH

(Inspection required promptly)

☒ B MEDIUM

(Inspection required)

☒ C LOW

(Inspect on time available basis)

☐ D NONE

(No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT

RAY BUHRMASTER

02 OF (Agency/Organization)

UNIT. MINE

03 TELEPHONE NUMBER

312-242-3152

04 PERSON RESPONSIBLE FOR ASSESSMENT

LARRY WINNER

05 AGENCY

IEPA

06 ORGANIZATION

HSPS

07 TELEPHONE NUMBER

312 782 9848

08 DATE

08/22/84



03 WASTE CHARACTERISTICS (Check all that apply)

(Specify)

Measures of waste quantities must be independent;

LINK NOW

NO OF DRUMS

☒ A TOXIC
☐ B CORROSIVE
☐ C RADIOACTIVE
☒ D PERSISTENT

E SOLUBLE
F INFECTIOUS
G FLAMMABLE
H IGNITABLE

I HIGHLY VOLATILE
J EXPLOSIVE
K REACTIVE
L INCOMPATIBLE
M NOT APPLICABLE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	UNKNOWN	.	
OLW	OILY WASTE		..	
SOL	SOLVENTS			
PSD	PESTICIDES		..	
OCC	OTHER ORGANIC CHEMICALS		.	
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	UNKNOWN		

[illegible]

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

IEPA LAND & WATER FILES



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POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

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IL 005180070

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED _____02 ☐ OBSERVED (DATE 10-6-78)
04 NARRATIVE DESCRIPTIONPOTENTIAL ☒ ALLEGED

OLD LANDFILL WHICH USE TO BE AN OLD QUARRY - UNKNOWN
AMOUNTS OF WASTE SLUDGE WAS PUT IN. QUARRY IS VERY
POROUS.

01 ☐ B SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED _____02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTIONPOTENTIAL ☐ ALLEGED01 ☐ C CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED _____02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTIONPOTENTIAL ☐ ALLEGED01 ☐ D FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED _____02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTIONPOTENTIAL ☐ ALLEGED01 ☐ E DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED _____02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTIONPOTENTIAL ☐ ALLEGED01 ☐ F CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED _____
(Acres)02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTIONPOTENTIAL ☒ ALLEGED

A POSSIBLE SPILL ON THE SITE

01 ☐ G DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED _____02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTIONPOTENTIAL ☐ ALLEGED01 ☐ H WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED _____02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTIONPOTENTIAL ☐ ALLEGED01 ☐ I POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED _____02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTIONPOTENTIAL ☐ ALLEGED



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PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

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II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION02 ☐ OBSERVED (DATE _____)☐ POTENTIAL☐ ALLEGED01 ☐ K DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)02 ☐ OBSERVED (DATE _____)☐ POTENTIAL☐ ALLEGED01 ☐ L CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION02 ☐ OBSERVED (DATE _____)☐ POTENTIAL☐ ALLEGED01 ☐ M UNSTABLE CONTAINMENT OF WASTES
(Spills, runoff, standing liquids, leaking drums)
03 POPULATION POTENTIALLY AFFECTED _____02 ☐ OBSERVED (DATE _____)☐ POTENTIAL☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ N DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION02 ☐ OBSERVED (DATE _____)☐ POTENTIAL☐ ALLEGED01 ☐ O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION02 ☐ OBSERVED (DATE _____)☐ POTENTIAL☐ ALLEGED01 ☐ P ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION02 ☐ OBSERVED (DATE _____)☐ POTENTIAL☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

IEPA LAND & WATER FILES

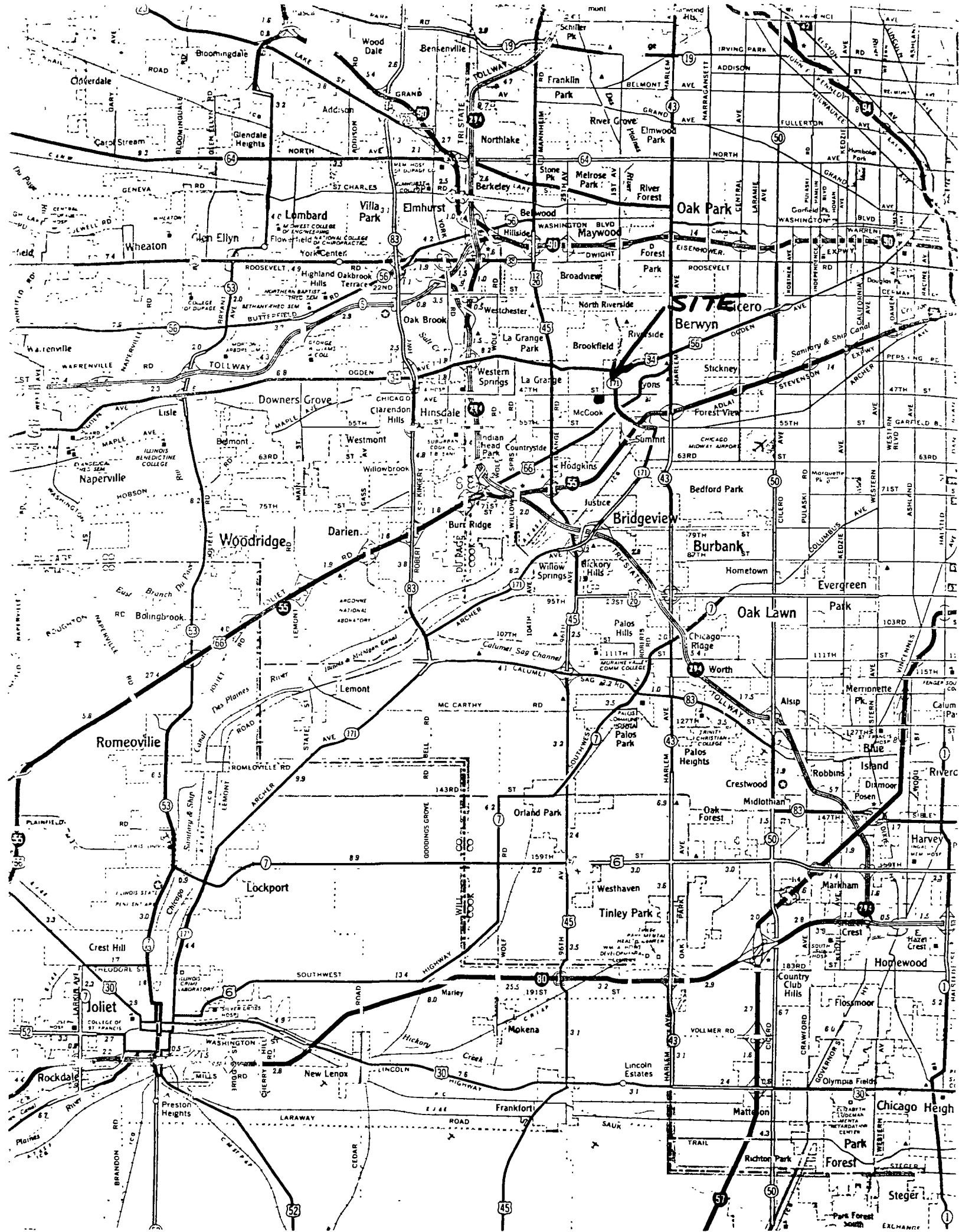
EXECUTIVE SUMMARY

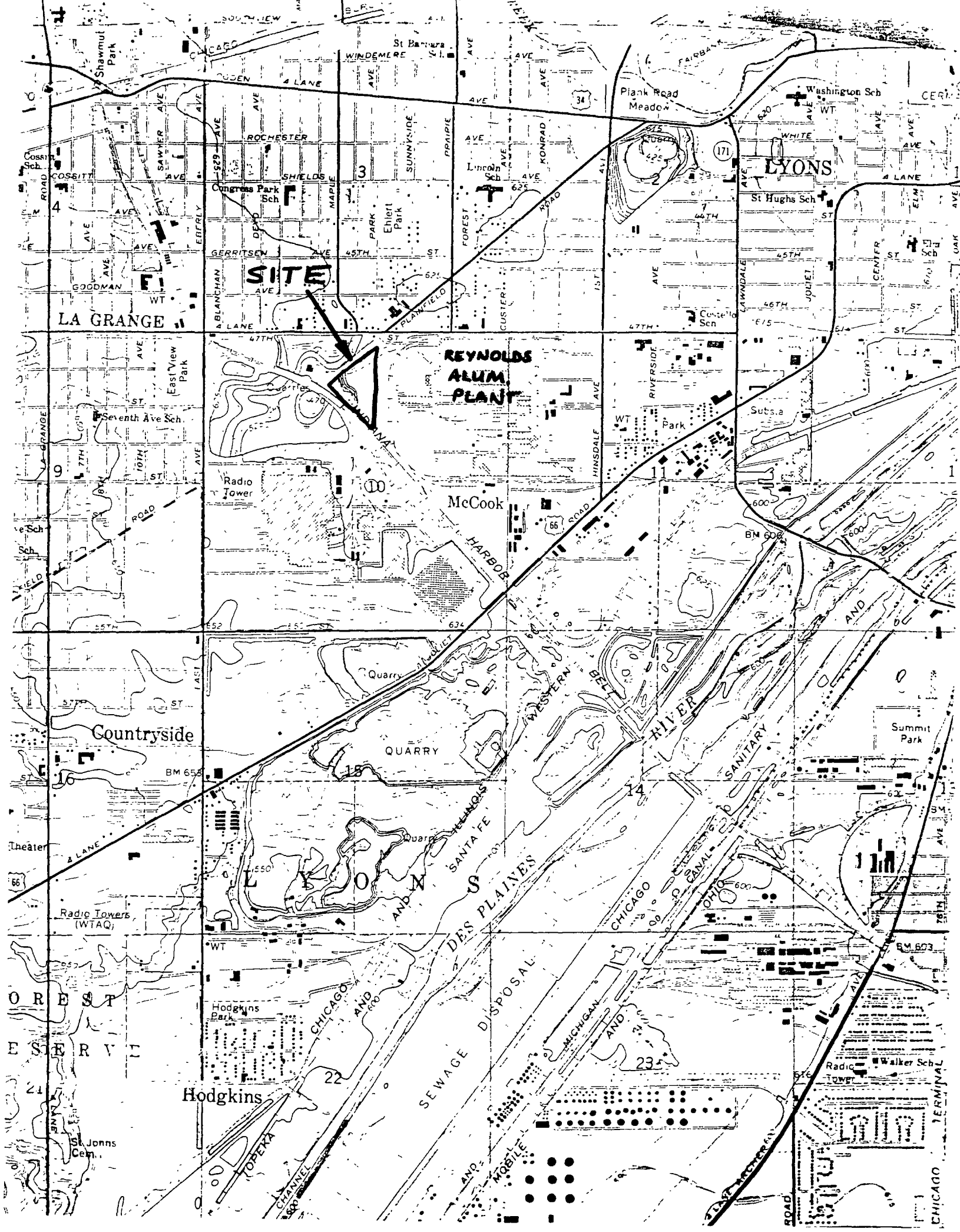
Reynolds Metals Co. at McCook, IL is engaged in the hot and cold rolling of alloyed aluminum into sheet, plate and coil.

On this site there is an old quarry excavation covering approximately 3-1/2 acres and ranging in depth from 80-85 feet. The site has been used as a dump for the plant since 1942, but dumping was closely controlled at the site by the company since 1970. It is unknown what was dumped at this site before 1970.

It is recommended that the F.I.T. contractor take soil samples in and around the old site for heavy metals and water samples from the Material Service Co. quarry which is next to the Reynolds property.

LW:mkb:S/13





COOK

LPC

03/00606

DATE:

McCOOK

1 KEYNOLDS ALUM

TIME:

